# Weekly Metrics for February 23 – March 1, 2003

| Mission (Launch Date) | Instrument | Category | Data Center | RQMTS (GB) | Requirements * Factor | Actual (GB) | Footnote |
|---|---|---|---|---|---|---|---|
| SORCE (1/03) | TIM/SIM/ SOLSTICE/ XPS | L0 Ingest | GSFC | 0.8 | 1X Baseline | 5 | U |
| | | Archive | GSFC | 0.8 | 1X Baseline | 5 | U |
| ICESat (1/03) | GLAS | L0 Ingest | NSIDC | 41 | 1X Baseline | 39 | |
| | | Archive | NSIDC | 41 | 1X Baseline | 41 | |
| Aqua (5/02) | AIRS | L0 Ingest | GSFC | 98 | 1X Baseline | 89 | A, V |
| | | L1 Prod | GSFC | 400 | 1X Baseline | 290 | A, V |
| | | Archive | GSFC | 498 | 1X Baseline | 384 | A, V |
| | AMSR-E | L0 Ingest | NSIDC | 10 | 1X Baseline | 6 | B |
| | | L1 Ingest | NSIDC | 10 | 1X Baseline | 0 | B, C |
| | | L2-L3 Prod | GHRC | 12 | 0.5X Baseline | 0 | C |
| | | Archive | NSIDC | 32 | Baseline | 6 | C |
| | | Distribution | NSIDC | | | | |
| | | *Production* | | | | 7 | |
| | | *End Users* | | 17 | 0.5X Baseline | 0 | C, G |
| | CERES | Archive | LaRC | 58 | Baseline | Included In Terra CERES | |
| | | Distribution | LaRC | | | | See Footnote S |
| | | *Testing/QA* | | 1,421 | IT Requirements | | |
| | | *End Users* | | 107 | 1X Baseline | | |
| | MODIS | L0 Ingest | GSFC | 469 | 1X Baseline | 490 | |
| | | L1 Prod | GSFC | 2,498 | 1X Baseline | 2,411 | |
| | | L2-L4 Prod | MODAPS | 801 | 0.5X Baseline | 3,524 | R |
| | | Archive | EDC | 540 | Baseline | 2,273 | R |
| | | | GSFC | 3,172 | Baseline | 4,080 | R |
| | | | NSIDC | 56 | Baseline | 97 | R |
| | | Distribution | GSFC | | | | |
| | | *Testing/QA* | | 362 | IT Requirements | 356 | |
| | | *To MODAPS/LaRC* | | | | 2,277 | |
| METEOR 3M (12/01) | SAGE III | Archive | LaRC | 0.8 | 1X Baseline | 2.5 | D |
| ACRIMSAT (12/99) | ACRIM 3 | Archive | LaRC | 0.06 | 1X Baseline | 0 | D |
| Terra (12/99) | ASTER | L1A Ingest | EDC | 680 | 1X Baseline | 238 | E, X |
| | | L1B Ingest | EDC | 271 | 1X Baseline | 138 | E, X |
| | | L2-L3 Prod | EDC | 1,203 | 3X Baseline | 192 | E, X |
| | | Archive | EDC | 2,154 | Baseline | 588 | E, X |
| | | Distribution | EDC | | | | |
| | | *End Users* | | 1,352 | 1X Baseline | 343 | G, O, P |
| | CERES | Archive | LaRC | 351 | Baseline | 719 | S |
| | | Distribution | LaRC | | | | |
| | | *Testing/QA* | | 1,421 | IT Requirements | 0 | S |
| | | *End Users* | | 117 | 1X Baseline | 918 | G, O |
| | MISR | L0 Ingest | LaRC | 249 | 1X Baseline | 253 | |
| | | L1 Prod | LaRC | 3,323 | 3X Baseline | 3,459 | F |
| | | L2-L3 Prod | LaRC | 281 | 3X Baseline | 303 | F |
| | | Archive | LaRC | 3,853 | Baseline | 4,029 | F |
| | | Distribution | LaRC | | | | |
| | | *Testing/QA* | | 137 | IT Requirements | 257 | |
| | | *Production* | | | | 1,524 | |
| | | *End Users* | | 1,201 | 1X Baseline | 2,770 | G |
| | MODIS | L0 Ingest | GSFC | 469 | 1X Baseline | 486 | |
| | | L1 Prod | GSFC | 7,494 | 3X Baseline | 14,869 | M |
| | | L2-L4 Prod | MODAPS | 14,254 | 3X Baseline | 12,657 | Q, T |

| Mission | Instrument | Activity | Location | | Requirement | | Notes |
|---|---|---|---|---|---|---|---|
| | | Archive | EDC | 8,606 | Baseline (L2-L4) | 9,509 | |
| | | | GSFC | 12,772 | Baseline (L0-L4) | 18,045 | I, Q |
| | | | JPL | 0 | Baseline (L2-3) | 25 | |
| | | | NSIDC | 839 | Baseline (L2-L3) | 505 | I, Q |
| | | Distribution | EDC | | | | |
| | | *End Users* | | 2,869 | 1X Baseline | 1,458 | G, O |
| | | Distribution | GSFC | | | | |
| | | *Testing/QA* | | 362 | IT Requirements | 887 | |
| | | *To MODAPS/LaRC* | | | | 13,467 | |
| | | *End users* | | 4,101 | 1X Baseline | 2,137 | G, O |
| | | Distribution | JPL | | | | |
| | | *End Users* | | 0 | Baseline | 0.2 | |
| | | Distribution | NSIDC | | | | |
| | | *End Users* | | 280 | 1X Baseline | 64 | G, O |
| | MOPITT | L0 Ingest | LaRC | 2 | 1X Baseline | 2 | |
| | | L1 Prod | SIPS | 2 | 3X Baseline | 28 | J |
| | | L2 Prod | SIPS | 2 | 3X Baseline | 11 | J |
| | | Archive | LaRC | 5 | Baseline | 41 | J |
| | | Distribution | LaRC | | | | |
| | | *Production* | | | | 6 | G |
| | | *End Users* | | 1 | 1X Baseline | 8 | |
| Landsat-7 (4/99) | ETM+ | Archive | EDC | 1,071 | 250 Scenes | 1,100 | |
| | | Distribution | EDC | 58 | ECS ICD | 110 | |
| Jason-1 (12/01) | Poseidon 2 | Archive (L0+) | JPL | | | 2 | |
| | | Distribution | JPL | NA | NA | 28 | W |
| QuikScat (6/99) | SeaWinds | Archive (L0+) | JPL | | | 43 | |
| | | Distribution | JPL | 109 | Weekly Average | 110 | K |
| TOPEX (8/92) | Poseidon | Archive (L1+) | JPL | | | 0 | |
| | | Distribution | JPL | 24 | Weekly Average | 33 | K |
| Other Missions | AVHRR | Archive (L2+) | JPL | | | 121 | |
| | | Distribution | JPL | NA | NA | 78 | L |

Notes:

A. Includes data volumes for 3 instruments (AIRS, AMSU, and HSB).

B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.

C. The Japanese EOC is not planning to process and send any more AMSR-E data to US until AMSR-E calibration method is well established. It is expected that calibration will not be completed until March - April 2003. Regular delivery to US science team is not expected to start until May 2003.

D. Data from these instruments are not transmitted to DAAC daily.

E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.

F. Actual archive volume includes the reprocessed, year 2002 data as well as the current data.

G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.

I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.

J. LaRC DAAC received the reprocessed L1 and L2 data for a majority of the months in the 2000 - 2003 timeframe from MOPITT SIPS.

K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.

L. Includes distribution of educational materials, in addition to AVHRR SST products.

M. Actual archival volume includes that of the reprocessing campaign in addition to the current data.

N. Does not include distribution by subsetting tool.

O. Does not include distribution by data pool.

P. Orders have decreased sharply with the advent of charging for low-level ASTER data.

Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.

R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.

S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).

T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.

U. Required and actual data volumes are for L0 products only. Higher-level products will not be available for the next 4 months.
V. No product was generated after Feb 27. AIRS team suspended production, pending delivery and installation of a software patch to the AIRS Version 2.7 software. Production is expected to resume at the end of this week or early next week.
W. More data were distributed to support science working team analysis effort prior to public release.
X. A large number of tapes sent by Japan were defective and unreadable.

\* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline).
The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).